

IN THE SPECIFICATION

Please amend paragraph [00035] as follows:

[00035] Examples of amino acid residues in tau that can be mutated include residue 332, which is a proline in wild-type tau. Residue 332 is located in the core PGGG motif (SEQ ID NO:16) of the R3 microtubule binding domain. Mutation of residue 332 from proline to leucine (P332L), mimics the FTDP-17-associated alteration at residue 301 (P301L) in the core PGGG motif (SEQ ID NO:16) of the R2 microtubule binding domain. In a preferred embodiment of the invention, the mutant human tau expressed in the transgenic mice contains the P322L mutation in the 383 amino acid isoform of the protein.